CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22 Date: 03.03.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.
Agency	: **M/s. M R Infra,** Contractor, Bangalore.
Consultant Agency	: M/s ESS ESS Builders
Name of the work	: Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.
Sample ID	: Cement Concrete (FF Column Concrete)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	24.02.2022	03.03.2022	8.061	525.3	23.35
2	24.02.2022	03.03.2022	8.196	520.4	23.13
3	24.02.2022	03.03.2022	8.094	496.2	22.05

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any query regarding the report must be reported within 30 days from the date of testing.

ESS ESS BUILDERS Consulting Engineer & Architects Bengaluru & Hassan Reg No 2555343

AE/JE (P) R.R.N

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 21.03.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (FF Roof Beam and Roof Slab concrete)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.03.2022	21.03.2022	8.124	524.3	23.30
2	14.03.2022	21.03.2022	8.155	520.1	23.12
3	14.03.2022	21.03.2022	8.132	511.5	22.73

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ESS ESS Builders & Consulting Engineer & Architects Bengaluru & Hassan Reg No 2555343

AEE/JE (P) R.R.N

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 05.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (SF Column Concrete)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	29.03.2022	05.04.2022	8.067	537.5	23.89
2	29.03.2022	05.04.2022	8.098	528.6	23.49
3	29.03.2022	05.04.2022	8.045	514.2	22.85

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Query regarding the report must be reported within 30 days from the date of testing.

ESS ESS BUILDERS Bengaluru & Hassan Reg No 2555343 Consulting Engineer & Prop.

AE/JE (P) R.R.N

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 24.03.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (FF Column Concrete)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	24.02.2022	24.03.2022	8.198	712.5	31.67
2	24.02.2022	24.03.2022	8.175	756.4	33.62
3	24.02.2022	24.03.2022	8.146	725.4	32.24

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ESS ESS BUILDERS Bengaluru & Hassan Reg No 2555343

AE/JE (P) R.R.N

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 24.03.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (FF Column Concrete)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	24.02.2022	24.03.2022	8.018	712.4	31.66
2	24.02.2022	24.03.2022	8.096	715.3	31.79
3	24.02.2022	24.03.2022	8.124	729.9	32.44

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ESS ESS BUILDERS Bengaluru & Hassan Reg No 2555343 Consulting Engineers & Architects

AE/JE (P) R.R.N

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22 Date: 11.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (FF Roof Beam and Roof Slab concrete)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.03.2022	11.04.2022	8.152	700.5	31.13
2	14.03.2022	11.04.2022	8.175	725.4	32.24
3	14.03.2022	11.04.2022	8.120	720.6	32.03

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

Bengaluru & Hassan Reg No 2555343 Consulting Engineer & Architects

AE/JE (P) R.R.N

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 11.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.
Agency	: **M/s. M R Infra,** Contractor, Bangalore.
Consultant Agency	: M/s ESS ESS Builders
Name of the work	: Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.
Sample ID	: Cement Concrete (FF Roof Beam and Roof Slab concrete)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.03.2022	11.04.2022	8.025	737.5	32.78
2	14.03.2022	11.04.2022	8.010	715.5	31.80
3	14.03.2022	11.04.2022	8.069	705.4	31.35

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

M/s ESS ESS BUILDERS * Bengaluru & Hassan * Reg No 2555343 * Consulting Engineer & Architects *

AE/JE (P) R.R.N

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 11.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (FF Roof Beam and Roof Slab concrete)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.03.2022	11.04.2022	8.015	712.5	31.67
2	14.03.2022	11.04.2022	8.052	726.6	32.29
3	14.03.2022	11.04.2022	8.075	737.2	32.76

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any query regarding the report must be reported within 30 days from the date of testing.

S. BUILDER Bengaluru B Hassan Reg No 2555343 Consulting Engineer & Proprietor

AE/JE (P) R.R.N

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 11.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.
Agency	: **M/s. M R Infra,** Contractor, Bangalore.
Consultant Agency	: M/s ESS ESS Builders
Name of the work	: Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.
Sample ID	: Cement Concrete (FF Roof Beam and Roof Slab concrete)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.03.2022	11.04.2022	8.195	705.4	31.35
2	14.03.2022	11.04.2022	8.175	714.3	31.75
3	14.03.2022	11.04.2022	8.136	726.9	32.31

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ESS ESS Bangalore & Hassan Reg No 2555343 Consulting Engineer & Architects

AE/JE (P) R.R.N

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 11.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (FF Roof Beam and Roof Slab concrete)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.03.2022	11.04.2022	8.096	723.3	32.15
2	14.03.2022	11.04.2022	8.132	720.8	32.04
3	14.03.2022	11.04.2022	8.165	705.2	31.34

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

Reg No 2555343

AE/JE (P) R.R.N

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 11.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (FF Roof Beam and Roof Slab concrete)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.03.2022	11.04.2022	8.045	701.3	31.17
2	14.03.2022	11.04.2022	8.087	735.3	32.68
3	14.03.2022	11.04.2022	8.125	722.9	32.13

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ESS BUILDERS ... Bangaluru ... Assan ... NO ... Contractors

AE/JE (P) R.R.N

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 26.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (SF Column Concrete)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	29.03.2022	26.04.2022	8.162	745.3	33.12
2	29.03.2022	26.04.2022	8.185	729.5	32.42
3	29.03.2022	26.04.2022	8.123	712.5	31.67

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any queries regarding the report must be reported within 30 days from the date of testing.

ESS ESS Builders * Consulting Engineer & Architects * Bengaluru & Hassan Reg No 2555343

AE/JE (P) R.R.N

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 26.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (SF Column Concrete)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	29.03.2022	26.04.2022	8.102	736.6	32.74
2	29.03.2022	26.04.2022	8.143	722.3	32.10
3	29.03.2022	26.04.2022	8.192	716.5	31.84

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any query regarding the report must be reported within 30 days from the date of testing.

ESS ESS Builders Consulting Engineer & Architects Bengaluru & Hassan Reg No 2555343

AE/JE (P) R.R.N

Assistant Executive Engineer (Project) Brihat Bangalore Mahanagar Palike Rajarajeshwari Nagar Zone

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 16.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (SF Roof Beam and Roof slab concrete)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.04.2022	16.05.2022	8.065	711.5	31.62
2	18.04.2022	16.05.2022	8.175	755.3	33.57
3	18.04.2022	16.05.2022	8.145	728.7	32.39

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any query regarding the report must be reported within 30 days from the date of testing.

ESS ESS BUILDERS Bengaluru & Hassan Reg No 2555343 Consulting

AE/JE (P) R.R.N

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Assistant Executive Engineer (Project)
Brihat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025:2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 16.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (SF Roof Beam and Roof slab concrete)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.04.2022	16.05.2022	8.036	726.5	32.29
2	18.04.2022	16.05.2022	8.065	709.2	31.52
3	18.04.2022	16.05.2022	8.121	736.5	32.73

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any discrepancy regarding the report must be reported within 30 days from the date of testing.

ESS ESS BUILDERS • Bengaluru & Hassan Reg No 2555347 • Consulting Engineers

'AL E (P) R.R.N

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 16.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (SF Roof Beam and Roof slab concrete)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.04.2022	16.05.2022	8.165	718.2	31.92
2	18.04.2022	16.05.2022	8.182	703.9	31.28
3	18.04.2022	16.05.2022	8.120	727.5	32.33

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ESS ESS BUILDERS * Bengaluru & Hassan Reg No 2555343 * Consulting Engineer & Architects *

For CIVIL QUALITY CONSULTANTS & ENGINEERS

AE/JE (P) R.R.N

Authorised Signatory

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 16.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (SF Roof Beam and Roof slab concrete)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.04.2022	16.05.2022	8.109	720.3	32.01
2	18.04.2022	16.05.2022	8.084	716.5	31.84
3	18.04.2022	16.05.2022	8.051	707.4	31.44

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ESS ESS BUILDERS * Consulting Engineer & Architects * Bengaluru & Hassan Reg No 2555343

AE/JE (P) R.R.N

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
R.R.Nagar Zone

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 16.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.
Agency	: **M/s. M R Infra,** Contractor, Bangalore.
Consultant Agency	: M/s ESS ESS Builders
Name of the work	: Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.
Sample ID	: Cement Concrete (SF Roof Beam and Roof slab concrete)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.04.2022	16.05.2022	8.015	717.8	31.90
2	18.04.2022	16.05.2022	8.039	728.5	32.38
3	18.04.2022	16.05.2022	8.068	734.2	32.63

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ESS ESS Engineers Bengaluru & Hassan Reg No 2555343 Consulting Engineer & Architects

AE/JE (P) R.R.N

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Assistant Executive Engineer (Project)
Bruhat Ban... Rajarajeshwarinagar Pali...
Yeshwanthpur-560 022

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 16.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (SF Roof Beam and Roof slab concrete)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.04.2022	16.05.2022	8.095	722.5	32.11
2	18.04.2022	16.05.2022	8.116	710.3	31.57
3	18.04.2022	16.05.2022	8.147	701.3	31.17

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ESS ESS BUILDERS * Bengaluru & Hassan Reg No 2555343 * Consulting Engineer & Architects *

AE/JE (P) R.R.N

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 07.03.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (FF Lintel and Staircase)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.02.2022	07.03.2022	8.161	627.8	27.90
2	28.02.2022	07.03.2022	8.120	613.4	27.26
3	28.02.2022	07.03.2022	8.107	606.9	26.97

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ESS ESS BUILDERS Bengaluru & Hassan Reg No 2555343 Consulting Engineer & Architects

AE/JE (P) R.R.N

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 13.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.
Agency	**: M/s. M R Infra,** Contractor, Bangalore.
Consultant Agency	: M/s ESS ESS Builders
Name of the work	: Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.
Sample ID	: Cement Concrete (SF Lintel and staircase)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.04.2022	13.04.2022	8.097	617.5	27.44
2	06.04.2022	13.04.2022	8.071	628.2	27.92
3	06.04.2022	13.04.2022	8.023	603.1	26.80

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ESS ESS BUILDERS * Bengaluru & Hassan Reg.No 2555343 * Consulting Engineer & Architects

AE/JE (P) R.R.N

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 28.03.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (FF Lintel and Staircase)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.02.2022	28.03.2022	8.023	410.6	18.25
2	28.02.2022	28.03.2022	8.005	400.9	17.82
3	28.02.2022	28.03.2022	8.067	421.8	18.75

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ESS ESS BUILDERS * Bengaluru & Hassan Reg No 2555343 * Consultants, Engineers & Architects

AE/JE (P) R.R.N

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 28.03.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.
Agency	: **M/s. M R Infra,** Contractor, Bangalore.
Consultant Agency	: M/s ESS ESS Builders
Name of the work	: Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.
Sample ID	: Cement Concrete (FF Lintel and Staircase)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{25}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.02.2022	28.03.2022	8.144	424.7	18.88
2	28.02.2022	28.03.2022	8.100	412.4	18.33
3	28.02.2022	28.03.2022	8.063	406.8	18.08

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ESS ESS BUILDERS * Bengaluru & Hassan Reg No 2555343 * Consulting Engineer & Architects

AE/JE (P) R.R.N

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 04.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (SF Lintel and staircase)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.04.2022	04.05.2022	8.172	629.3	27.97
2	06.04.2022	04.05.2022	8.198	601.5	26.73
3	06.04.2022	04.05.2022	8.105	613.7	27.28

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ESS ESS BUILDERS * Consulting Engineer & Architects * Bengaluru & Hassan Reg No 2555343

AE/JE (P) R.R.N

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 04.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (SF Lintel and staircase)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.04.2022	04.05.2022	8.047	606.2	26.94
2	06.04.2022	04.05.2022	8.015	619.3	27.52
3	06.04.2022	04.05.2022	8.086	627.7	27.90

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ESS ESS Builders * Consulting Engineer & Architects * Bengaluru & Hassan Reg No 2555343

AE/JE (P) R.R.N

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 09.03.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.
Agency	: **M/s. M R Infra,** Contractor, Bangalore.
Consultant Agency	: M/s ESS ESS Builders
Name of the work	: Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.
Sample ID	: Cement Concrete (FF Chejja Concrete)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	02.03.2022	09.03.2022	8.033	357.4	15.88
2	02.03.2022	09.03.2022	8.005	364.9	16.22
3	02.03.2022	09.03.2022	8.116	382.7	17.01

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ESS ESS BUILDERS & Architects * Bengaluru & Hassan Reg No 2555343 * Consulting Engineer & Project

For CIVIL QUALITY CONSULTANTS & ENGINEERS

AE/JE (P) R.R.N

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 15.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.
Agency	: **M/s. M R Infra,** Contractor, Bangalore.
Consultant Agency	: M/s ESS ESS Builders
Name of the work	: Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.
Sample ID	: Cement Concrete (SF Chejja Concrete)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	08.04.2022	15.04.2022	8.129	377.8	16.79
2	08.04.2022	15.04.2022	8.180	363.9	16.17
3	08.04.2022	15.04.2022	8.156	355.8	15.81

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

M/s ESS BUILDERS * Engineers & Architects Bengaluru & Hassan Reg.No 2555343

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

AE/JE (P) R.R.N

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 30.03.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (FF Chejja Concrete)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	02.03.2022	30.03.2022	8.153	483.5	21.49
2	02.03.2022	30.03.2022	8.105	491.5	21.84
3	02.03.2022	30.03.2022	8.184	508.5	22.60

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ESS ESS BUILDERS * Civil Engineers & Architects * Bengaluru & Hassan Reg No 2555343 Consulting Engineer

AE/JE (P) R.R.N

Assistant Executive Engineer (Project)
Bruhat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 06.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.
Agency	: **M/s. M R Infra,** Contractor, Bangalore.
Consultant Agency	: M/s ESS ESS Builders
Name of the work	: Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.
Sample ID	: Cement Concrete (SF Chejja Concrete)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	08.04.2022	06.05.2022	8.174	510.2	22.68
2	08.04.2022	06.05.2022	8.136	523.7	23.28
3	08.04.2022	06.05.2022	8.095	504.5	22.42

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

ESS ESS BUILDERS * Engineers & Architects * Bengaluru & Hassan Reg.No 2555343

AE/JE (P) R.R.N

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Assistant Executive Engineer (Project)
Brunat Bangalore Mahanagar Palike
Rajarajeshwari Nagar Zone

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

Scanned by TapScanner